STIC Search Report
Biotech-Chem Library

TO: Jeanine Goldberg
Location: rem/2e74
Art Unit: 1634
Thursday, January 22, 2004

Case Serial Number: 09/780114

From: Barb O'Bryen
Location: Biotech-Chem Library
CM1-6A05
Phone: 308-4291

barbara.obryen@uspto.gov

Search Notes

Third time's the charm.

I knew it was not you, but i was asking for it wrong.
I would like a length-limited oligomer search.

1. Please do an oligomer search between 2754-2894 of SEQ IDNO: 1 with results length limited to less than 100 nucleotides .
2. Please do an oligomer search between nucleotides 2838-2876 of SEQ IDNO: 1 with results length limited to less than 100 nucleotides .
3. Please do an oligomer search between nucleotides 2426-2548 of SEQ IDNO: 1 with results length limited to less than 100 nucleotides .
4. Please do an oligomer search between nucleotides 1764-1953 of SEQ IDNO: 1. with results length limited to less than 100 nucleotides .

THANK YOU

-----Original Message-----
From: O'Bryen, Barbara
Sent: Tuesday, January 20, 2004 4:35 PM
To: Goldberg, Jeanine
Subject: RE: 09/780, 114- mTASE

Jeanine,
Ugh, I did this wrong, but the request *is* a bit odd.
"mer" search to the searchers means 'oligomer'. An oligomer search looks for contiguous 100% matches. The matches are posted in descending order according to the length of the match (irrespective of the length of the db seq). When we specify a "word" size, we're asking the search system to look for contiguous matches *at least* a given length (opposite of what you asked for, but how I did the search).
Maybe what you want is a length-limited search, or a length-limited oligomer search.
length-limited - retrieves matches in which the db seq satisfies specified length criteria (minumium length, maximum length or combination of both). Looks for the best overall matches, not necessarily contiguous (gaps & mismatches allowed).
request: search seq 1, limit length of retrieved seqs to <100 nt
length-limited oligomer - looks for longest contiguous 100% matches within sequences matching specified length criteria.
request: search seq 1, combine length limit of <100nt with oligomer search.
Barb

-----Original Message-----
From: Goldberg, Jeanine
Sent: Tuesday, January 20, 2004 3:00 PM
To: O'Bryen, Barbara
Subject: RE: 09/780, 114- mTASE

I just got my search back and I did not get the results I was expecting.
I was looking for a mer within the positions where the total length of the sequence/mer was less than 100 nucleotides. So, I was looking for fragments from the nucleotide portions...

how is the best way to ask for this?

THANKS

Jeanine Enewold Goldberg
1634
571-272-0743
REM 2E74

-----Original Message-----
From: Goldberg, Jeanine

Sent: .   Friday, January 16, 2004 11:05 AM
To: O'Bryen, Barbara
Subject: RE: 09/780, 114- mTASE

Hello Barb.
1. Please do a mer search with less than 100 nucleotides between 2754-2894 of SEQ IDNO: 1.
2. Please   do a mer search with less than 100 nucleotides between   nucleotides 2838-2876 of SEQ IDNO: 1.
3. Please   do a mer search with less than 100 nucleotides between nucleotides 2426-2548 of SEQ IDNO: 1.
4. Please do a mer search with less than 100 nucleotides between nucleotides 1764-1953 of SEQ IDNO: 1.

THANK YOU
Jeanine Enewold Goldberg
1634

REM 2E74.